

## WEST Search History for Application 10586397

Creation Date: 2008090812:59

Query	DB	Op.	Plur.	Thes.	Date
ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
ba\$sio4\$mn\$eu\$ or ba\$sio4\$eu\$mn\$	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
sr\$sio4\$mn\$eu\$ or sr\$sio4\$eu\$mn\$	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
(\$sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth)	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
silicate with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth)	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) ) not (ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 )	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
(silicate with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) ) not ( ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) ) or (ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) )	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) and (mg or magnesium)	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
(\$sio4 or orthosilicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth)	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008
(silicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth)	EPAB, JPAB, DWPI	ADJ	YES		09-08-2008

((silicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) ) or ((sio4 or orthosilicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) )	EPAB, JPB, DWPI	ADJ	YES		09-08-2008
( (silicate with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) ) or ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 or \$eu\$mn\$sio4 ) )	EPAB, JPB, DWPI	ADJ	YES		09-08-2008
((silicate with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) ) not ((silicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or (sio4 or orthosilicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) )	EPAB, JPB, DWPI	ADJ	YES		09-08-2008
((silicate with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) ) or ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) ) and @pd<20050114	EPAB, JPB, DWPI	ADJ	YES		09-08-2008
((silicate with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) ) or ((sio4	EPAB, JPB, DWPI	ADJ	YES		09-08-2008

<p>or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) not (silicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or (\$sio4 or orthosilicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) ) and  @pd&lt;20050114</p>						
<p>((silicate with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) or (\$sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) not (silicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or (\$sio4 or orthosilicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) ) not ((silicate with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ((sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) or (\$sio4 or orthosilicate) with (mn or manganese) with (eu or europium) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) not ca\$sio4\$mn\$eu\$ or ca\$sio4\$eu\$mn\$ or \$mn\$eu\$sio4 or \$eu\$mn\$sio4 ) not (silicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) or (\$sio4 or orthosilicate) with ((mn or manganese) near (eu or europium)) with (ba or barium or ca or calcium or sr or strontium or alkali\$ earth) and  @pd&lt;20050114 )</p>	EPAB, JPAB, DWPI	ADJ	YES			09-08-2008